

WE CLAIM:

1. A method comprising:
creating a first storage object, wherein creating the first storage object comprises
creating a first storage object description, wherein the first storage object
description comprises data that relates the first storage object to first
underlying storage objects or to first physical memory regions;
creating a second storage object as a virtual copy of the first storage object, wherein
creating the second storage object comprises creating a second storage object
description, wherein the second storage object description comprises data
identifying the second storage object as a copy of the first logical volume;
adding to the first storage object description data identifying the second storage object
as a copy of the first storage object;
transmitting the first volume description to a first computer system, and;
transmitting the second volume description to a second computer system.
2. The method of claim 1 further comprising transmitting the first storage object
description to the second computer system.
3. The method of claim 1 further comprising transmitting the second storage
object description to the first computer system.
4. The method of claim 1 wherein the second storage object description
comprises information relating the second storage object to second underlying storage objects
or second physical memory regions.
5. The method of claim 1 further comprising:
modifying the first storage description, and;
transmitting the modified first storage description to the first and second computer
systems.

6. A method comprising:
creating a second storage object, wherein creating the second storage object is created as a virtual copy of a first storage object, wherein creating the second storage object comprises creating a description of the second storage object;
adding data to a description for the first storage object to indicate that the first storage object is related to the second storage object.
7. The method of claim 6 further comprising:
transmitting the first storage object description to a first computer system, and;
transmitting the second storage object description to a second computer system.
8. The method of claim 6 wherein the data added to the first storage object description indicates that the second storage object is a copy to the first storage object.
9. The method of claim 7 wherein the first storage object description is transmitted to the first computer system after the data is added to the first storage object description.
10. The method of claim 6 wherein the second storage object description comprises data that relates the second storage object to second underlying storage objects.
11. The method of claim 7 further comprising:
transmitting the first storage object description to the second computer system after the data is added to the first storage object description to indicate that the first storage object is related to the second storage object;
transmitting the second storage object description to the first computer system.

12. A memory medium comprising instructions executable by a computer system, wherein the computer system implements a method in response to executing the instructions, the method comprising:

creating a first storage object, wherein creating the first storage object comprises creating a first storage object description, wherein the first storage object description comprises data that relates the first storage object to first underlying storage objects or to first physical memory regions;

creating a second storage object as a virtual copy of the first storage object, wherein creating the second storage object comprises creating a second storage object description, wherein the second storage object description comprises data identifying the second storage object as a copy of the first logical volume;

adding to the first storage object description data identifying the second storage object as a copy of the first storage object;

transmitting the first volume description to a first computer system, and;

transmitting the second volume description to a second computer system.

13. The memory medium of claim 12 wherein the method further comprises transmitting the first storage object description to the second computer system.

14. The memory medium of claim 12 wherein the method further comprises transmitting the second storage object description to the first computer system.

15. The memory medium of claim 12 wherein the second storage object description comprises information relating the second storage object to second underlying storage objects or second physical memory regions.

16. The memory medium of claim 12 wherein the method further comprises: modifying the first storage description, and; transmitting the modified first storage description to the first and second computer systems.

17. A memory medium comprising instructions executable by a computer system, wherein the computer system implements a method in response to executing the instructions, the method comprising:

creating a second storage object, wherein creating the second storage object is created as a virtual copy of a first storage object, wherein creating the second storage object comprises creating a description of the second storage object;
adding data to a description for the first storage object to indicate that the first storage object is related to the second storage object.

18. The memory medium of claim 17 wherein the method further comprises:
transmitting the first storage object description to a first computer system, and;
transmitting the second storage object description to a second computer system.

19. The memory medium of claim 17 wherein the data added to the first storage object description indicates that the second storage object is a copy to the first storage object .

20. The memory medium of claim 18 wherein the first storage object description is transmitted to the first computer system after the data is added to the first storage object description.

21. The memory medium of claim 17 wherein the second storage object description comprises data that relates the second storage object to second underlying storage objects.

22. The memory medium of claim 18 wherein the method further comprises:
transmitting the first storage object description to the second computer system after the data is added to the first storage object description to indicate that the first storage object is related to the second storage object;
transmitting the second storage object description to the first computer system